

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Office Patent Application of

SUGIYAMA, M. et al.

Atty. Ref.: 427-83

Serial No. 10/659,358

Group:

Filed: September 11, 2003

Examiner:

For: SEPARATOR FOR LITHIUM ION SECONDARY BATTERY AND
LITHIUM ION SECONDARY BATTERY AND LITHIUM ION
SECONDARY BATTERY PROVIDED THEREWITH

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November 7, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. § 1.55 and in conformance with the procedures of 37 C.F.R. § 1.98, applicants hereby bring the attached documents to the attention of the examiner. These documents are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

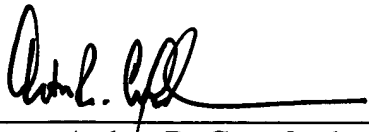
Please return to the undersigned a copy of the attached PTO-1449 with the examiner's initials in the left column [MPEP § 609] with the next communication.

The Commissioner is hereby authorized to charge our Deposit Account No. 14-1140 for any fees required in connection with the filing of this Information Disclosure Statement.

SUGIYAMA, M. et al.
Serial No. 10/659,358

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

427-83

APPLICANT

SUGIYAMA, M. et al.

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(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

DOCUMENT							TRANSLATION	
DOCUMENT			DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		Hei 05-307975	11/1993	Japan			ABST.	
		Hei 06-176750	6/1993	Japan			ABST.	
		Hei 08-111215	4/1996	Japan			ABST.	
		Hei 09-161758	6/1997	Japan			ABST.	
		Hei 09-213297	8/1997	Japan			ABST.	
		Hei 10-106529	4/1998	Japan			ABST.	
		2001-118558	4/2001	Japan			ABST.	
		2001-176482	6/2001	Japan			ABST.	
		2002-208393	7/2002	Japan			ABST.	
		2002-208438	7/2002	Japan			ABST.	
		2003-45490	2/2003	Japan			ABST.	
		2003-223931	8/2003	Japan			ABST.	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

[illegible]

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.